DIXON INDUSTRIES, INC. A
BLOUNT COMPANY AIRPORT
INDUSTRIAL PARK
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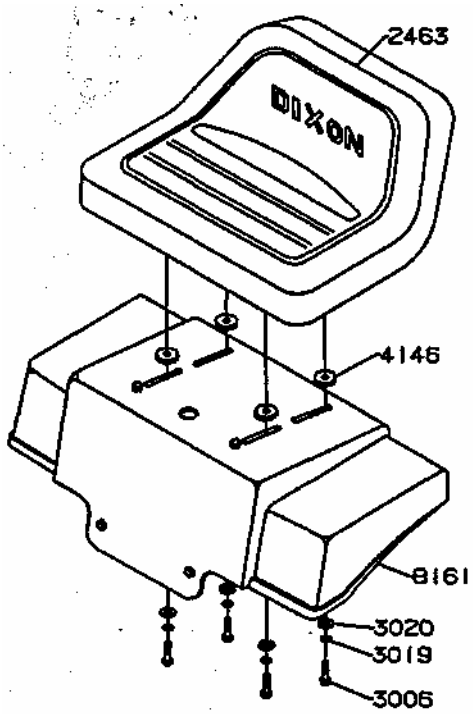
TECHNICAL DATA BROCHURE
Model 3301

IMPORTANT - READ OPERATOR'S MANUAL BEFORE OPERATING OR MAKING ADJUSTMENTS

SEAT ADJUSTMENT

1. Pull or lift body retention latch P/N 3954 from transaxle backing plate, raise and push body and seat assembly forward.
2. Loosen four seat bolts P/N 3006 and slide seat forward or backward to desired position.
3. Re-tighten bolts. DO NOT operate mower without seat retention bolts properly tightened.
4. Close upper body and push retention latch P/N 3954 over transaxle backing plate.



BODY REMOVAL

1. The 3301 has a 2-piece polyethylene body. The upper body can be folded forward to expose the transaxle. In some cases, it may be necessary to remove the upper body to service the transaxle.

2. To remove the upper body, remove two bolts P/N 3093 from the front of upper body hinge located on the brake shaft P/N 9283. Disconnect seat switch P/N 4761 at plug-in.

3. Reverse above procedure to reinstall.

ADJUSTMENT OF MOWER DECK DRIVE BELT

1. The mower deck drive belt is tensioned by a spring loaded engagement idler quadrant.

2. This system is designed to maintain the proper belt tension at all times.

3. Belt tension can be adjusted by moving the engaging rod P/N 7013 into the outside hole of engagement handle P/N 7020.

4. After belt tension is adjusted, check to assure that the mower blade will not turn freely when the engaging rod is in the "OFF" position.

5. If the mower blade turns freely, adjust the blade by loosening nut P/N 3205 at the end of the brake rod P/N 2988.

6. After adjustment is achieved, perform the safety checks listed below.

REMOVING THE MOWER BLADE

Secure blade P/N 2483 from turning. Remove blade bolt from center, P/N 3268 and blade washer P/N 6260, then blade P/N 2483. To reinstall, reverse above procedure. Tighten blade bolt to 60 ft. lbs. of torque.

WARNING: Sharp edges on blade can cause injury!
Caution should be exercised when service is required on blade.

REMOVING MOWER DECK

1. Loosen the belt keepers P/N's 7026 & 7027, located under the engine, by loosening the mounting bolts, allowing the deck drive belt to come free of the rear pulley.

2. Disconnect the wiring loom at the deck safety switch P/N 4242.

3. Remove the two clevis pins P/N 3072 from the two rear L-rods P/N 1355 and slide from slots.

4. Remove clevis pins P/N 3072, and L-rod attached to lift handle, and slide from slot.

5. Remove clevis pin P/N 3072 from front deck hanger shaft P/N 1332, located at front of mower deck on slide plates welded at battery box and remove.

6. Lift front of mower chassis and roll free of the deck.

7. To install, reverse the above procedure.

MOWER BLADE OPERATION

To engage the mower blades, turn lever on floor *slowly to* the "ON" position. To disengage mower blades, turn lever *slowly* to the "OFF" position.

SAFETY CHECKS

IMPORTANT - *PERFORM SAFETY CHECKS AFTER MAKING ANY REPAIRS OR ADJUSTMENTS*

1. After reassembly, while seated on mower, attempt to start engine with mower deck engaged. Engine should *not* start. If engine does start, return the mower to an Authorized Dixon dealer for adjustment or repair.

2. Disengage mower deck and start engine. With the operator in the normal seated position, engage mower deck and remove weight from seat. The engine should stop. If the engine does not stop when operator rises from seat, return the mower to an Authorized Dixon dealer for adjustment or repair.

3. Engage, then disengage mower blade in each cutting height. Insure that blade disengages and comes to a stop within (5) seconds in each height position. If blade does nof disengage properly, contact your Authorized Dixon dealer.

CAUTION: DO NOT OPERATE MOWER IF ANY SAFETY FEATURE IS NOT FUNCTIONING CORRECTLY

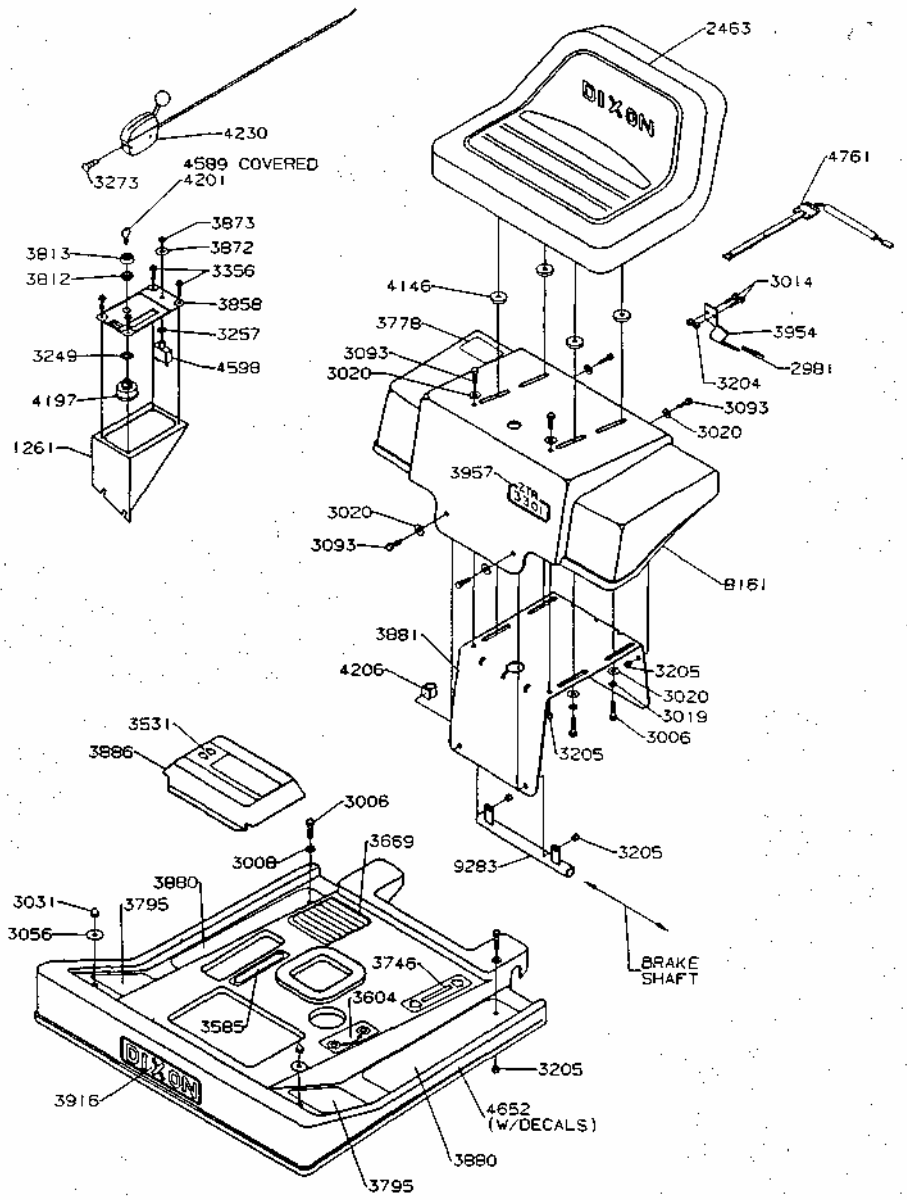
PARKING BRAKE ADJUSTMENT

1. Raise upper body to the open position.

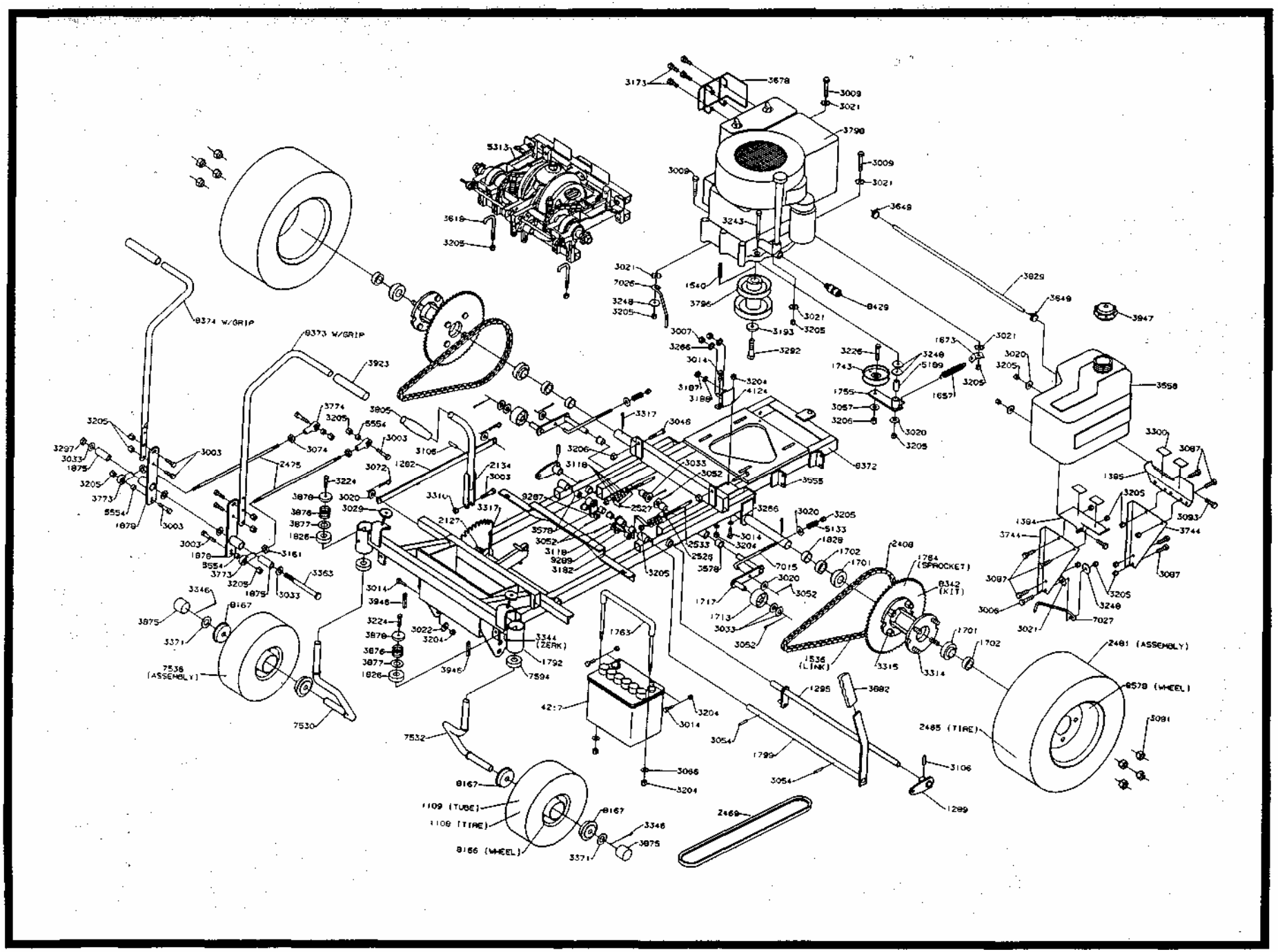
2. Tighten nut on brake rod P/N 2533 located in front of the transaxle on each side, just enough to prevent brake from slipping when engaged.

   CAUTION: Over tightening may cause premature wear on the brake band P/N 5085.

Revised 7/93 P/N
8112



3301 BODY ASSEMBLY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8373 W/GRIP
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5133
1829
1702
1701
1784 (SPROCKET)
2408
8342 (KIT)
1536 (LINK)
3315
3314
2481 (ASSEMBLY)
8578 (WHEEL)
2485 (TIRE)
5081
3106
1299
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1799
3882
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4217
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7532
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7538 (ASSEMBLY)
8167
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3344 (ZERK)
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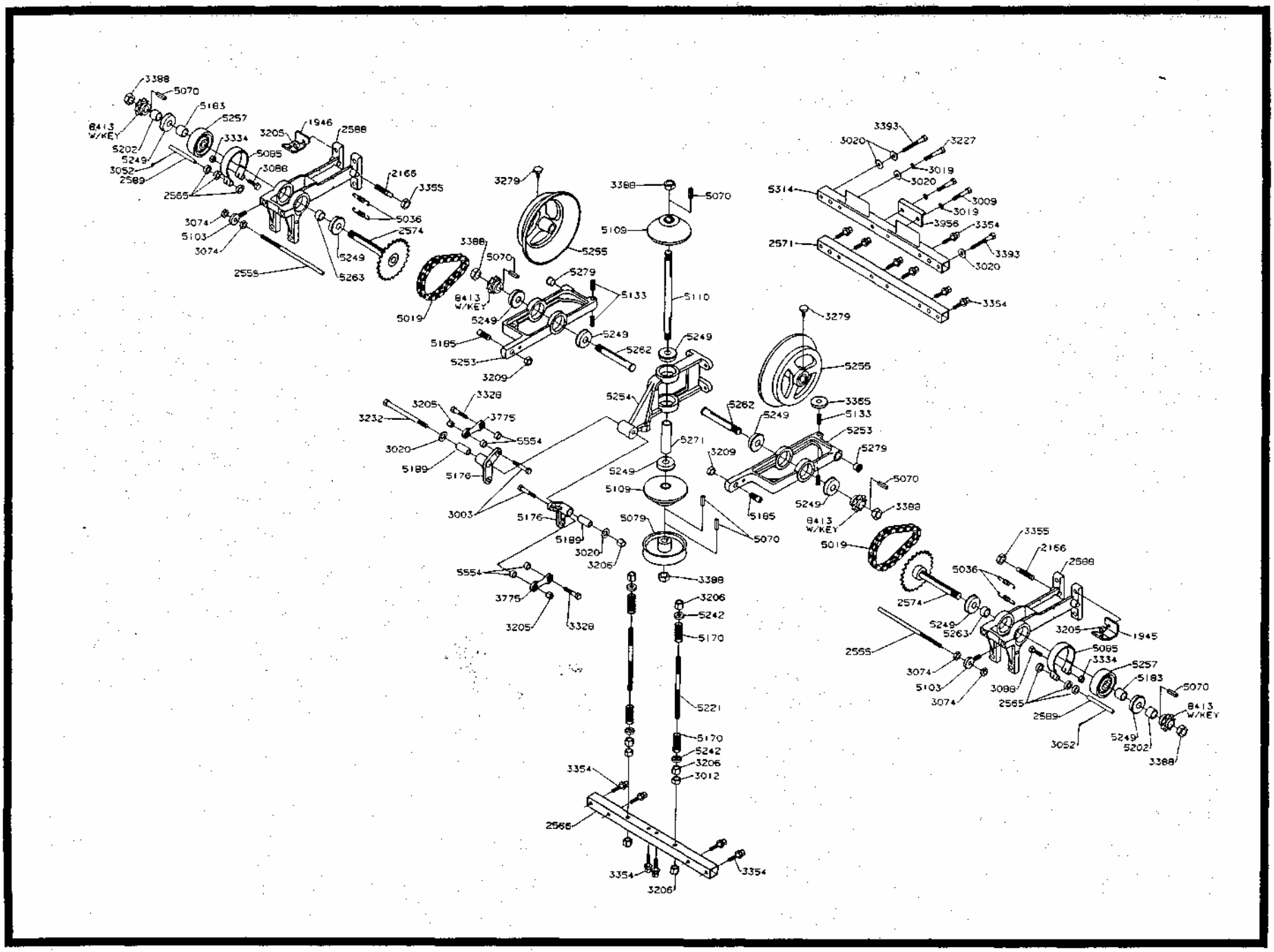
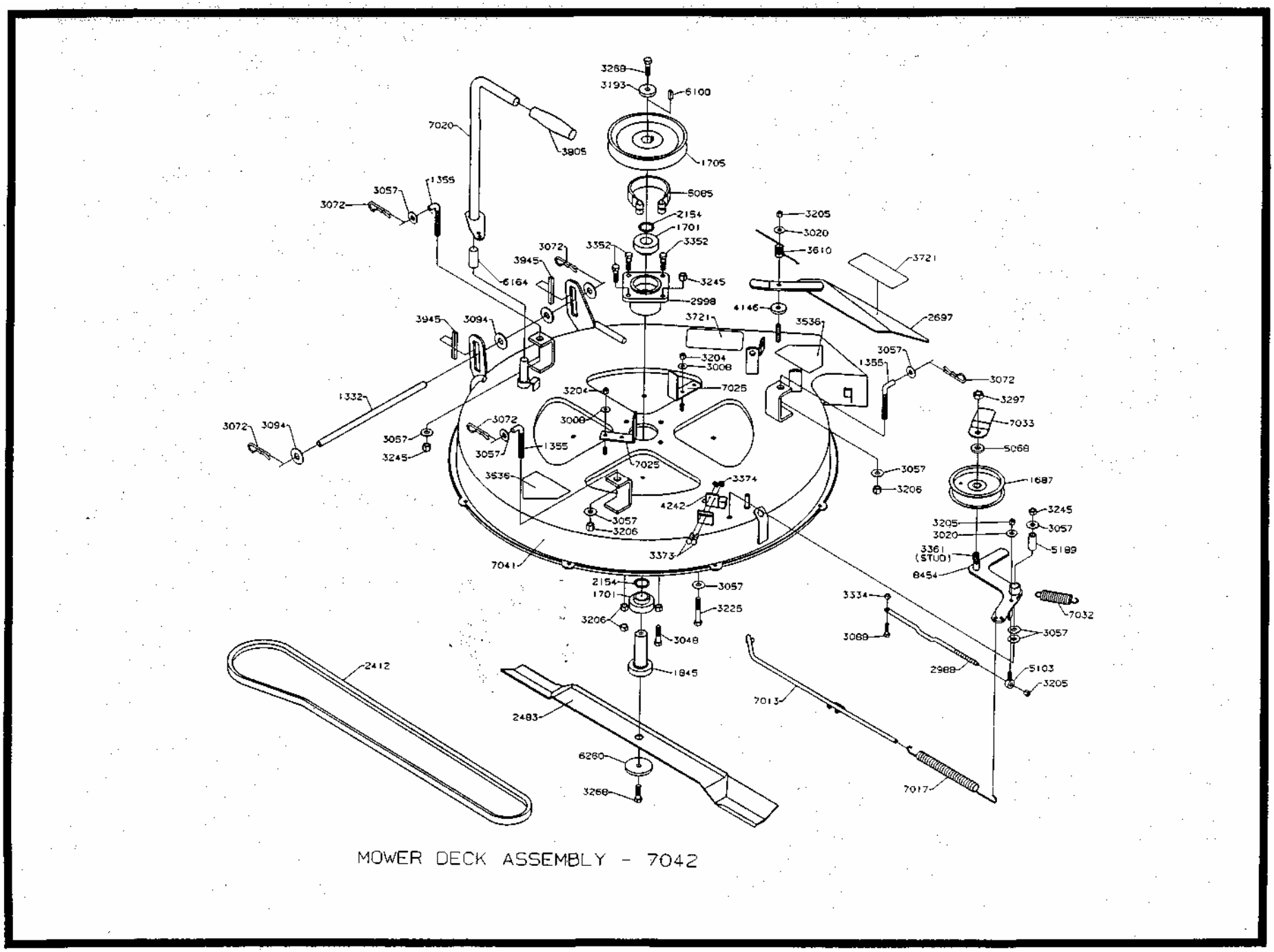
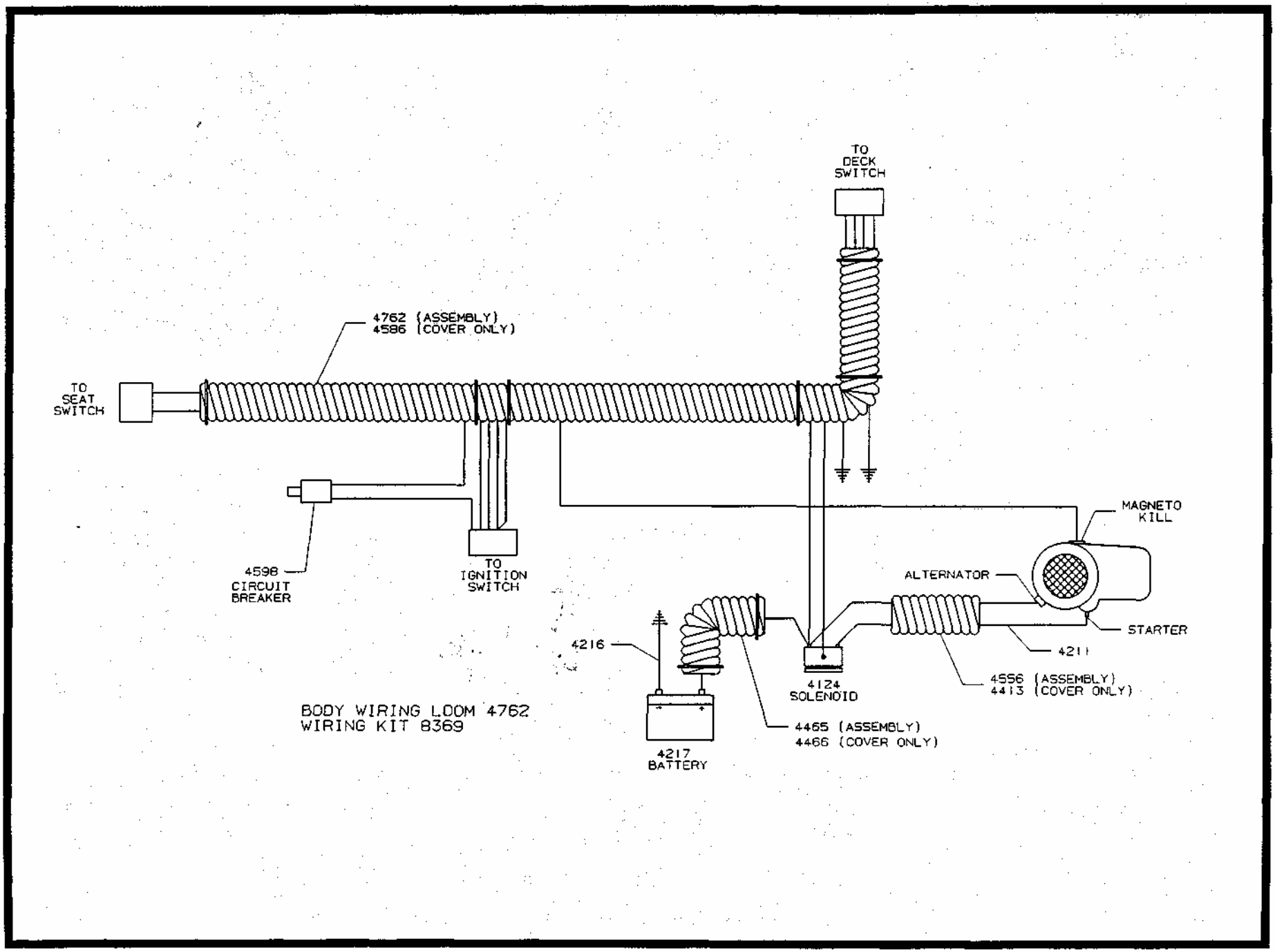


3301 TRANSAXLE ASSEMBLY



MOWER DECK ASSEMBLY - 7042


TO
DECK
SWITCH
4762 (ASSEMBLY)
4586 (COVER ONLY)
TO
SEAT
SWITCH
MAGNETO
KILL
4598
CIRCUIT
BREAKER
TO
IGNITION
SWITCH
ALTERNATOR
STARTER
4216
4211
4124
SOLENOID
4556 (ASSEMBLY)
4413 (COVER ONLY)
BODY WIRING LOOM 4762
WIRING KIT 8369
4465 (ASSEMBLY)
4466 (COVER ONLY)
4217
BATTERY